REMARKS

The Office action mailed on 13 October 2004 (Paper No. 18) has been carefully considered.

The specification and Figure 5 are being amended in order to satisfy a concern expressed by the Examiner in the second sub-paragraph of paragraph 3 of the Office action. Claims 2, 6 thru 9, 21 thru 39, 41 thru 44 and 47 thru 70 are being amended. Thus, claims 2, 6 thru 9 and 21 thru 70 are pending in the application.

It is first noted that, in response to the Examiner's request as set forth in paragraph 2 of the Office action, a copy of the executed Declaration as filed on 25 November 1998 is attached hereto.

In paragraph 3 of the Office action, the Examiner objected to the drawings as not showing every feature of the invention specified in the claims.

For the reasons stated below, it is respectfully submitted that every feature the invention specified in the claims is shown in the drawings.

Specifically, the recited "connecting unit" appears as a video card 140 in Figure 5. Nevertheless, it should be noted that, for other reasons, the "connecting unit" is no longer recited in the claims.

The recited "first data" is not shown in the apparatus/system drawings of Figures 1 and 5

because it is not a tangible component of the apparatus or system. However, the existence of the "first data" recited in the claims is evident from block S322 of Figure 3, which displays the step of "reading the information on display apparatus through DDC". The "information" referred to in block S322 is the "first data" recited in the claims.

Similarly, the "second data" recited in the claims does not appear in the apparatus/system drawings of Figures 1 and 5 because it also is not a tangible component of the apparatus or system. Nevertheless, the existence of the "second data" is evident from block S330 of Figure 3, which recites the decision as to whether or not the "information" referred to in block S322 (*i.e.*, the "first data") is "different from the display apparatus stored in the memory", referring to information pertaining to the display apparatus as stored in the memory (*i.e.*, the "second data").

The "resolution" recited in claims 2 and 6 thru 9 is also not shown in the apparatus/system drawings of Figure 1 and 5 for the reasons stated above, but the existence of the "resolution" is evident from blocks S342 and S343 in Figure 3, which refer to the "optimal resolution corresponding to the new display apparatus".

The "first memory" and "second memory" recited in claims 38 and 45 are shown as memories 250 and 130, respectively, in Figure 5 of the drawings. Thus, these elements are shown in the drawings.

With respect to the Examiner's note contained in the second sub-paragraph in paragraph 3

on page 2 of the Office action, it is understood that the terminology employed in claims 38 and 45 ("first memory" and "second memory") is opposite to the terminology employed in the specification and in Figure 5. It is believed that one of ordinary skill in the art, upon reviewing the specification, Figure 5 and claims 38 and 45 would realize that the employment of the terms "first" and "second" with respect to the memories recited in the claims is the reverse of the employment of that terminology in the specification and Figure 5 merely because of the way in which claims 38 and 45 are constructed. Nevertheless, in order to avoid a possibility of confusion, the specification is being amended to delete the term "second" with respect to the memory 250, and Figure 5 is also being amended accordingly. It is believed that this satisfies the Examiner's concern as expressed in the note appearing in the second sub-paragraph of paragraph 3 of the Office action.

In paragraph 5 of the Office action, the Examiner rejected claims 8, 9, 21, 22, 25 thru 27, 30 thru 32, 35 thru 38, 40, 41, 43 thru 47, 50 and 63 thru 70 under 35 U.S.C. §103 for alleged unpatentability over Lien *et al.*, U.S. Patent No. 5,386,567 in view of Hendry *et al.*, U.S. Patent No. 5,682,529. In paragraph 6 of the Office action, the Examiner rejected claims 2, 6, 7, 23, 24, 28, 29, 33, 34, 39, 42, 48, 49 and 51 thru 62 under 35 U.S.C. §103 for alleged unpatentability over Lien *et al.* '567 in view of Hendry *et al.* '529, and further in view of Siefert, U.S. Patent No. 6,662,240. For the reasons stated below, it is submitted that the invention recited in the claims, as now amended, is distinguishable from the prior art cited by the Examiner so as to preclude rejection under 35 U.S.C. §103.

Lien *et al.* '567 discloses a hot removable and insertion of attachments on fully initialized

computer systems. Hendry *et al.* '529 discloses a system for dynamically accommodating changes in display configuration by notifying of changes to currently running application programs so as to generate information by the application programs in conformity with changes to the configuration. Finally, Siefert '240 discloses an automated configuration of computer accessories. For the reasons stated below, none of these references, either alone or in combination, discloses or suggests the invention now recited in the independent claims of the present application.

Specifically, each of the method claims of the present application now recites the step of providing the computer with a processing unit, a memory unit connected to the processing unit, and a digital data communication (DDC) interface connected to the processing unit, while some of the method claims also recite the video card connected to the processing unit and coupled to the video display unit. Similarly, each of the apparatus claims of the present application recites the combination of a computer system and a video display unit, with the computer system being recited as including a processing unit, and a DDC interface, and in the case of some claims, a video card as described above.

None of the references cited by the Examiner, either alone or in combination, discloses or suggests such an arrangement as now recited in the independent method and apparatus claims of the present application.

In addition, each of the independent claims of the present application recites the step or function of operating the DDC interface in the processing unit to read first data corresponding to the

video display unit from the video display unit. None of the references cited by the Examiner, either alone or in combination, discloses this step or function.

Furthermore, independent claims 2, 6 and 7 recite the further step, as a part of the detection step, of operating the processing unit to carry out a polling operation periodically with respect to said DDC interface so as to determine whether the video display unit is newly coupled to said processing unit. None of the references cited by the Examiner, either alone or in combination, discloses or suggests this step as recited in independent claims 2, 6 and 7.

Independent claim 9 recites the detecting step as comprising the sensing of an interrupt signal generated by the DDC interface when the video display unit is newly coupled to the processing unit, the detecting step being performed after power has been newly supplied to the processing unit. None of the references cited by the Examiner, either alone or in combination, discloses or suggests the detecting step as is recited in the last paragraph of claim 9.

The dependent claims provide further bases for distinguishing the invention from the prior art cited by the Examiner. For example, the "polling" operation discussed above is recited in dependent claims 23, 24, 28, 29, 33, 34, 39, 42, 48 and 49. Moreover, the "interrupt signal" operation discussed above is recited in dependent claims 25, 30, 35 and 50. Thus, the latter claims distinguish the invention further from the prior art cited by the Examiner.

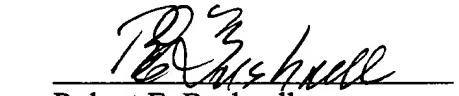
Finally, Lien *et al.* '567 does not contain a disclosure, and the Examiner has not pointed out

any disclosure, which would motivate a person of skill in the art to seek the secondary references cited by the Examiner, or which would instruct the person of skill in the art as to how to employ the secondary references to modify the disclosure of the primary reference (Lien *et al.* '567) so as to obtain the claimed invention. Thus, the combination of cited references is improper under 35 U.S.C. §103.

In view of the above, it is submitted that the claims of this application are in condition for allowance, and early issuance thereof is solicited. Should any questions remain unresolved, the Examiner is requested to telephone Applicant's attorney.

No fee is incurred by this Amendment.

Respectfully submitted,



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